

# **EPA Registration File No. 87845-6**

# PROCESSING REQUEST

Reg # 87845-6

Decision # 503824

Description: new combination product

Electronic Label & Letter  
(see PPLS):

OR

Non Electronic  
Label & Letter  
(Scanning required):

☒ Dated: 18-16

☐ Dated:

\*\*\*Only one label type should be selected\*\*\*

Other Materials Sent (see jacket):

☒ New CSF(s) Dated: 10/1/2015

☐ Other:

File this coversheet and attached materials in the jacket. It must be well organized and clipped together, NOT STAPLED. Then give the jacket with the coversheet and materials to staff in the Information Services Center (ISC) (Room S-4900). If a jacket is full or only available as an image, please file materials in a new jacket and bring it down to the (ISC). For further information please call 703-605-0716.

Reviewer: L. Roe

Division: RD-FB

Phone: 703-347-0506

Date: 1-11-16



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs  
Registration Division (7505P)  
1200 Pennsylvania Ave., N.W.  
Washington, D.C. 20460

NOTICE OF PESTICIDE:

☒ Registration  
☐ Reregistration  
(under FIFRA, as amended)

EPA Reg. Number:

87845-6

Date of Issuance:

1/8/16

Term of Issuance:

Unconditional

Name of Pesticide Product:

MCC 3-Way Fungicide

Name and Address of Registrant (include ZIP Code):

Don O'Shaughnessy  
Agent for Agromarketing Co, Inc  
D. O'Shaughnessy Consulting, Inc.  
427 Hide Away Circle  
Cub Run, KY 42729

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.
2. The data requirements for storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) are not satisfied. A one year study is required to satisfy these data requirements. You have 18 months from the date of registration to provide these data.

Signature of Approving Official:

Tony Kish, Product Manager 22  
Fungicide Branch, Registration Division (7505P)

Date:

1/8/16

3. Make the following label changes before you release the product for shipment:
  - Revise the EPA Registration Number to read, "EPA Reg. No. 87845-6."
4. Submit one copy of the revised final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 10/01/2015
- Alternate CSF 1 dated 10/01/2015
- Alternate CSF 2 dated 10/01/2015
- Alternate CSF 3 dated 10/01/2015
- Alternate CSF 4 dated 10/01/2015
- Alternate CSF 5 dated 10/01/2015
- Alternate CSF 6 dated 10/01/2015
- Alternate CSF 7 dated 10/01/2015
- Alternate CSF 8 dated 10/01/2015

If you have any questions, please contact Lindsay Roe by phone at 703-347-0506, or via email at [roe.lindsay@epa.gov](mailto:roe.lindsay@epa.gov).

Enclosure

**ACCEPTED**

01/08/2016

Under the Federal Insecticide, Fungicide,  
and Rodenticide Act as amended, for the  
pesticide registered under

EPA Reg. No. 87845-6

**MCC 3-WAY FUNGICIDE****ACTIVE INGREDIENT:**

Mancozeb (a coordination product of zinc ion and manganese ethylenebisdithiocarbamate)		12.0 %
manganese++ .....	2.4%	
zinc .....	0.3	
ethylenebisdithiocarbamate ion	9.3%	
Cymoxanil .....		4.0 %
Copper oxychloride* .....		29.0 %
OTHER INGREDIENTS .....		25%
TOTAL: .....		100.0 %

\*(CAS 1332-40-7) equivalent to 17.26% elemental copper

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

FIRST AID
<b>IF IN EYES:</b> <ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water or 15 to 20 minutes.</li><li>• Remove contact lenses, if present, after the first minutes, then continue rinsing eye.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>IF SWALLOWED:</b> <ul style="list-style-type: none"><li>• Call poison control center or doctor immediately for treatment advice.</li><li>• Have person sip a glass of water if able to swallow.</li><li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li><li>• Do not give anything to an unconscious person.</li></ul>
<b>IF ON SKIN OR CLOTHING:</b> <ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15 to 20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>IF INHALED:</b> <ul style="list-style-type: none"><li>• Move person to fresh air.</li><li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.</li><li>• Call a poison control center or doctor for further treatment advice.</li></ul>
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.
<b>FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident call CHEMTREC at 1-800-424-9300.</b>
This product contains mancozeb and ethylene thiourea (ETU), chemicals known to the State of California to cause cancer. ETU is also known to the State of California to cause birth defects or other reproductive harm.

EPA Reg. No. 87845 - x

EPA Est. No. 88475-BGR-1

39578-TX-1

Net Contents \_\_\_\_\_

Batch No. \_\_\_\_\_

Manufactured for: Agromarketing Co. Inc. 133 Mavety St., Toronto, Ont. Canada M6P 2L8 416-628-5174 Product of USA

## PRECAUTIONARY STATEMENTS

### Hazards to Humans and Domestic Animals

**CAUTION:** Harmful if absorbed through skin. Harmful if inhaled. Harmful if swallowed. Causes moderate eye irritation. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Avoid contact with skin, eyes or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

### Personal Protective Equipment (PPE)

Mixers, loaders, applicators and other handlers must wear:

- long-sleeved shirt
- long pants
- shoes and socks
- chemical-resistant gloves made of any waterproof material. Some materials that are chemical-resistant to this product are nitrile rubber, natural rubber, or butyl rubber.
- For aerial application of MCC 3-WAY FUNGICIDE to lettuce (head and leaf), occupational handlers performing mixing / loading operations must wear a particulate respirator with an N, R, P or HE filter NIOSH approval prefix TC-84A.

See engineering controls for additional requirements.

### User Safety Requirements

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbed materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

### Engineering Controls

Enclosed Cockpits: Pilots must use an enclosed cockpit that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d) (4-6)].

Mechanical Flagging Engineering Controls: Human flagging is prohibited. Flagging to support aerial application is limited to use of the Global Positioning System (GPS) or mechanical flaggers.

### User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside, then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates and may contaminate water through runoff. This product has a potential for runoff for several months or more after

application. Poorly draining soils and soils with shallow water tables are more prone to produce runoff that contains this product. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters or rinsate. For guidance, contact your State Water Board or Regional Office of the Environmental Protection Agency.

## **DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Read all Directions for Use carefully before applying.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.

### **Agricultural Use Requirements**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 48 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, oil or water, is:

- Coveralls over long sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material
- Chemical resistant footwear plus socks
- Protective eyewear
- Chemical resistant headgear if overhead exposure

## **PRODUCT INFORMATION**

Read all Directions For Use carefully before applying.

Apply as a spray with ground, or air equipment using specified amounts of water to obtain through coverage to plants. Use only commercial or farm plantings. Not for use in residential plantings, or once any commercial crop is turned into U-pick, Pick Your Own or similar operation.

For ground application, apply a minimum of 20 gallons of water per acre, increasing the spray volume as the plants mature to ensure through coverage of plant foliage.

For air assisted ground application (e.g. air blast), apply a minimum of 10 gallons of water per acre.

For aerial application, apply a minimum of 5 gallons of water per acre. Some tall or dense foliage crops requiring greater penetration to the lower leaf surface will require higher spray volumes. Do not apply this product in fewer than 5 gallons spray volume per acre in California.

#### PRODUCT MIXING INSTRUCTIONS

- 1) Fill the spray tank to 1/4 to 1/3 full of water.
- 2) While agitating, add the specified amounts of MCC 3-WAY FUNGICIDE to the spray tank.
- 3) Continue agitating until MCC 3-WAY FUNGICIDE is fully dispersed, at least 5 minutes.
- 4) Apply MCC 3-WAY FUNGICIDE spray mixture within 12 hours of mixing to avoid product degradation.

#### SPRAY DRIFT MANAGEMENT

A variety of factors including weather conditions (i.e. wind direction, wind speed, temperature, relative humidity) and method of application (i.e. ground, aerial, airblast, chemigation) can influence pesticide drift. The applicator must evaluate all factors and make appropriate adjustments when applying this product.

#### DROPLET SIZE

Apply only as a medium or coarser spray (ASAE standard 572) or a volume mean diameter of 300 microns or greater for spinning atomizer nozzles.

#### WIND SPEEDS

Do not apply at wind speeds greater than 15 miles per hour (mph). Only apply this product if the wind direction favors on-target deposition (approximately 3 to 10 mph), and there are no sensitive areas within 250 feet downwind.

#### TEMPERATURE INVERSIONS

If applying at wind speeds less than 3 mph, the applicator must determine if a) conditions of temperature inversion exist, or b) stable atmospheric conditions exist at or below nozzle height. Do not make applications into areas of temperature inversions or stable atmospheric conditions.

#### OTHER STATE AND LOCAL REQUIREMENTS

Applications must follow all state and local pesticide drift requirements regarding application of mancozeb, cymoxanil and copper salts. Where states have more stringent regulations, they must be observed.

#### EQUIPMENT

All aerial and ground application equipment must be properly maintained and calibrated using appropriate carrier or surrogates.

#### **Additional requirements for aerial applicators:**

The boom length must not exceed 75% of the wing span or 90 % of the rotor blade diameter.

Release spray at the lowest height consistent with efficacy and flight safety.

Do not release spray at a height greater than 10 feet above the crop canopy unless a greater height is required for aircraft safety.

When applications are made with a crosswind, the swath must be displaced

down wind. The applicator must compensate for this displacement at the up and downwind edge of the application area by adjusting the path of the aircraft upwind.

**Additional requirements for ground boom application:**

1. Do not apply with a nozzle height greater than 4 feet above the crop canopy.

**Application**

**Ground**

Thorough coverage with foliar sprays generally results in optimum disease control. To achieve satisfactory coverage use proper spray pressure, volume of spray mixture per acre, nozzles (generally hollow cone), disc (generally D-5 to D-7), nozzle spacing, and tractor speed. Consult spray nozzle and accessory catalogues for specific information on proper equipment calibration.

**Hand Sprayers**

Thoroughly spray plant foliage until runoff.

**Aerial**

A uniform initial spray deposit over the crop canopy generally results in optimum disease control. Each aircraft should be pre-checked for droplet size, uniformity of spray pattern, swath width, and spray volume. During aerial application, human flaggers are prohibited.

Nozzle selection: Hollow cone brass nozzles with a D-series orifice disc and core (whirlplate) are recommended. Nozzles should point straight down or slightly backward.

Swath width: For most field and vegetable crops, swaths just beyond the wingspan of 36 to 40 feet for light aircraft and up to 45 feet for heavier aircraft are suggested. Optimum swath for helicopters is usually 5 to 10 feet beyond normal boom length.

Altitude: For most crops, position the spray boom 5 to 10 feet above the crop canopy.

Flagging: Mark swaths at the end of the field with permanent flags. Measure swaths accurately with a chain or other device except when rows can be accurately counted.

**Foliar Applications**

**Where EBDC Products Used Allow the Same Maximum Poundage of Active**

**Ingredient Per Acre Per Season:** If more than one product containing an EBDC active ingredient (maneb, mancozeb, or metiram) is used on a crop during the same growing season and the EBDC products used allow the same maximum amount in pounds of active ingredient per acre per season, then the total pounds active ingredient of all such EBDC products used must not exceed any one of the specified individual EBDC product maximum season pounds of active ingredient allowed per acre.

**Where EBDC Products Used Allow Different Maximum Poundage of Active**

**Ingredient Per Acre Per Season:**

If more than one product containing an EBDC active ingredient is used on a crop during the same growing season and the EBDC products used allow different maximum poundage of active ingredient per acre per season, and the EBDC products used allow different maximum amount in pounds of active ingredient per acre per season, then the

total poundage of all such EBDC products used must not exceed the lowest specified individual EBDC product maximum seasonal poundage of active ingredient allowed per acre.

#### CROP ROTATION RESTRICTIONS

Potatoes, tomatoes, cucurbit crops, lettuce (head and leafy), and peppers may be re-planted anytime after MCC 3-WAY FUNGICIDE applications. All other crops cannot be planted until 30 days after MCC 3-WAY FUNGICIDE application.

**CROP AND RATE TABLE**

Crop	Disease	Rate MCC 3-WAY FUNGICIDE	Specific Instructions / Restrictions	PHI
<b>Lettuce, head and leaf</b>	Downy mildew, Ring spot	3 lb - 4.6 lb per acre per application	Apply at 7 - 10 day intervals when conditions are favorable for disease development. Do not apply this product with a U-boom device. Maximum application per year is 18.75 lb product per acre.	10 days for head or leaf lettuce 14 days for head or leaf lettuce in the State of California
NOTE: For aerial application of MCC 3-WAY FUNGICIDE to lettuce (head and leaf), occupational handlers performing mixing / loading operations must wear a particulate respirator with an N, R, P or HE filter NIOSH approval prefix TC-84A.				
<b>Melons and Cucurbits</b>  Cucumber Gherkin Muskmelon Cantaloupes Pumpkin Squash, Watermelon	Downy mildew, Anthracnose, Alternaria leaf blight, Black rot, Alternaria leaf spot, Anthracnose, Downy mildew, Gummy stem blight, Microdochium blight, Scab	3 lb per acre per application	Apply at 7 - 10 day intervals when conditions are favorable for disease development Maximum application is 28.125 lb per year per acre.	5 days

<b>Tomatoes for processing (not for use in California)</b>	Anthracnose, Early blight, Gray leaf spot, Late blight, Leaf mold, Septoria leaf spot, Bacterial speck, Damping off	3 lb per acre per application	Apply at 7 - 10, day intervals, 7 days if disease is present or conditions are favorable for disease development Maximum application is 28 lb product per year per acre.	5 days
<b>Tomatoes (fresh market) not for use in California</b>	Anthracnose, Early blight, Gray leaf spot, Late blight, Leaf mold, Septoria leaf spot, Bacterial speck, Damping off	3 - 4.6 lb per acre per application	Apply at 7 - 10, day intervals, 7 days if disease is present or conditions are favorable for disease development Maximum application is 28 lb product per year per acre.	5 days
<b>Potato</b>	Late blight, early blight, Brown spot	3 lb per acre per application	Apply at 7 - 10, day intervals, 7 days if disease is present or conditions are favorable for disease development. Do not apply more than 7 applications per year.	14 days
<b>Onions (dry bulb) garlic shallots</b>	Botrytis leaf blight, Downy mildew Neck rot Purple blotch (not for use in California), Rust	3.125 - 3.5 lb per acre per application	Apply at 7 - 10, day intervals, 7 days if disease is present or conditions are favorable for disease development. Do not apply to exposed bulbs. Maximum application per	7 days

			year is 32.8 lb product per acre.	
<b>Grapes</b> (east of the Rocky Mountains only)	Black rot, Bunch rot, Phomopsis, Downy mildew, Anthracnose	3.125 lb per acre per application	Apply on a 10 day schedule 6 - 8 d before disease is expected until fruit set Maximum application per year is 28 lb product per acre.	66 days

#### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

**Pesticide Storage:** Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food or feed. Store in original containers and out of the reach of children, preferably in a locked storage area. Do not store near heat or open flame. Handle an open container in a manner as to prevent spillage.

**Spills:** If the container is leaking or material is spilled, carefully sweep up and wash exposed area with detergent and water. In spill or leak incidents, keep unauthorized people away.

**Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**Container Disposal:** Non-refillable container. Do not re-use or re-fill this container.

Completely empty container. Clean the container promptly after emptying.

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times, then offer for recycling if available. If recycling is not available, puncture and dispose of in a sanitary land fill or by incineration or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**WARRANTY DISCLAIMER**

Agromarketing Co. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, AGROMARKETING CO. MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

**INHERENT RISKS OF USE**

It is impossible to eliminate all risks associated with use of this product. Unintended consequences may result because of factors such as use of the product contrary to label instructions, which are beyond the control of Agromarketing Co. or the Seller.

Agromarketing Co. and the Seller shall not be responsible for any risks caused by the incorporation of this product into an end use product by the Buyer or User. Buyer is solely responsible for any risks created by the end use or uses to which Buyer or a User put this product. All of the foregoing risks shall be assumed by Buyer and User, and Buyer and User agree to hold Agromarketing Vomapny, Inc. and Seller harmless for any claims related to such factors.

**LIMITATION OF REMEDIES**

To the extent consistent with applicable law, the exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories), shall be limited to one of the following, at Agromarketing Co. election:

- (1) Refund of purchase price paid by buyer or user for product bought, or
- (2) Replacement of amount of product used.

In no case shall Agromarketing Co. be liable for consequential, incidental, or special damages or losses.

The terms of the Warranty Disclaimer above and this Limitation of Remedies cannot be varied by any written or verbal statements or agreements. No employee or sales agent of Agromarketing Co. or the Seller is authorized to vary or exceed the terms of the Warranty Disclaimer or this Limitation of Remedies in any manner.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

**FEE**

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

OFFICE OF PESTICIDE PROGRAMS  
REGISTRATION DIVISION (7505P)

~~CONTAINS CONFIDENTIAL BUSINESS INFORMATION~~

DP BARCODE No.: D427709      FILE SYMBOL NO.: 87845-A      DECISION No.: 503824  
PC CODE: 023501,129106,014504      ACTION CODE: R 314  
FOOD USE: Yes      PRODUCT NAME: MCC 3-Way Fungicide

DATE OUT:      October 1, 2015

SUBJECT:      End-Use Product Chemistry Review  
Product Name: MCC 3-Way Fungicide

FROM:      Bruce F. Kitchens, Chemist  
Product Chemistry Team  
Chemistry, Inerts and Toxicology Assessment Branch/RD (7505P)

TO:      RM 22, Tony Kish/Lindsay Roe  
Fungicide Branch/RD (7505P)

*Bruce F. Kitchens*  
*Oct. 1, 2015*  
*SPB 10-6-15*

**INTRODUCTION:**

The registrant, Agromarketing Company, Incorporated, is submitting an application to register the proposed end-use product, MCC 3-Way Fungicide. This product was previously submitted under EPA Reg. No. 84875-L and subsequently withdrawn. The active ingredients in this product are Copper oxychloride, Cymoxanil, and Mancozeb at label nominal concentrations of 29.0, 4.0, and 12.0% a.i., respectively. This product is intended for use as a food use fungicide end-use product. In support of this request, the registrant is submitting a proposed basic and eight alternate formula CSFs (Confidential Statement of Formula) all dated 05 June 2015 and a draft label. Product chemistry data contained in MRID#s 492295-01, 492295-02, and 492295-03 were previously reviewed and determined to be acceptable with exception of product identity and composition and certified limits. During the course of this review, the registrant submitted revised CSFs dated 01 Oct 2015 to correct a discrepancy. The Chemistry, Inerts and Toxicology Assessment Branch (CITAB) has been asked to review this submission.

**SUMMARY OF FINDINGS:**

1. Name of Active Ingredients:      Copper oxychloride (29.00% ai)  
Cymoxanil (4.00% ai)  
Mancozeb (12.00% ai)

Formulation Type:      Granular solid

2. Has the registrant claimed substantial similarity to a registered product?

[ ] Yes; [X] No; [ ] NA; if yes give the registration number of the cited product.

DP BARCODE No.: D427709  
PC CODE: 023501,129106,014504  
FOOD USE: Yes

FILE SYMBOL NO.: 87845-A  
ACTION CODE: R 314  
PRODUCT NAME: MCC 3-Way Fungicide

DECISION No.: 503824

3. All of the source materials of the active ingredient are derived from registered sources- ☒ Yes ☐ No

4. All inert ingredients have been screened by IIAB and are approved for the proposed labeled uses.

5. Confidential Statement of Formula:

☒ Basic - Dated: 05 June 2015 Resubmitted Dated: 01 Oct 2015

☒ Alternate (1-8) – Dated: 05 June 2015 Resubmitted Dated: 01 Oct 2015

Alternate CSF complies with 40 CFR 152.43

☒ Yes ☐ No ☐ NA

6. Product label

a. Ingredient statement: Nominal concentration of AI listed on CSF concurs with product label (PR Notice 91-2).

☒ Yes, if not, explain below:

Is the sub statement in compliance with PR Notice 97-6 (inert ingredient vs other ingredient)

☒ Yes; ☐ No; if not, explain below

Metallic equivalent: ☐ Yes ☒ NA

Soluble arsenic: ☐ Yes ☒ NA

Isomeric ratios: ☐ Yes ☒ NA

Acid Equivalent: ☐ Yes ☒ NA

b. Health related sub statements: Product contains?

Petroleum distillate at > 10%: ☐ Yes; ☐ No; ☒ NA

Methanol at > 4%: ☐ Yes; ☐ No; ☒ NA

Sodium nitrate/sodium nitrite ☐ Yes; ☐ No; ☒ NA

c. Physical chemical hazard statement: Product label requires a statement per 40 CFR §156.78 for flammability, explosive potential or electric insulator breakdown?

☐ Yes ☒ No

Is the sub statement in compliance with PR Notice 98-6 (Total Release Fogger)?

☐ Yes; ☐ No; ☒ NA; if not, explain below

d. Label requires an additional Storage and Disposal statement: ☐ Yes ☒ No; if yes explain below:

DP BARCODE No.: D427709  
PC CODE: 023501,129106,014504  
FOOD USE: Yes

FILE SYMBOL NO.: 87845-A  
ACTION CODE: R 314  
PRODUCT NAME: MCC 3-Way Fungicide

DECISION No.: 503824

## CONCLUSIONS:

CITAB has reviewed the product chemistry data submitted for the proposed end-use product and has concluded that:

1. The basic formula CSF for the proposed end-use product, MCC 3-Way Fungicide dated 01 Oct 2015 is acceptable.

The proposed alternate formulas (1-8) for the end-use product, MCC 3-Way Fungicide all dated 01 Oct 2015 are acceptable.

2. This submission satisfies the data requirements as specified in 40 CFR 158.320 and 158.350 with respect to product identity and composition and certified limits. The remaining Group A data requirements have been reviewed, determined to be acceptable and are found in MRID# 492295-01 and 492295-03.
3. This submission, MRID# 492295-02 satisfies the data requirements as specified in 40 CFR 158.310 with respect to physical and chemical properties except for storage stability and corrosion characteristics. The registrant must submit studies to satisfy the storage stability and corrosion characteristics data requirements. If a 14-day accelerated study is submitted one-year studies will be required if a significant decrease ( $> 3.0\%$ ) in active ingredient content occurs in the 14-day accelerated study.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

OFFICE OF PESTICIDE PROGRAMS  
REGISTRATION DIVISION (7505P)

October 16, 2015

**MEMORANDUM: 87845-A: ACUTE TOXICITY STUDIES**

Subject: Name of Pesticide Product: MCC 3-Way Fungicide

EPA Reg. No. /File Symbol: 87845-A

DP Barcode: DP 427719

Decision No.: 503824

Action Code: R314

Submission: #967187

E-Sub. 7586

PC Codes: 014504 (Mancozeb: 12.0%)

129106 (Cymoxanil: 4.0%)

023501 (Copper oxychloride: 29.0%)

From: Byron T. Backus, Ph.D., Toxicologist

CITAB

Registration Division (7505P)

*Byron T. Backus*  
*Oct -16- 2015*

Through: John Redden, M.S., Senior Risk Assessor

CITAB

Registration Division (7505P)

*John Redden*  
*10/19/2015*

To: Lindsay Roe/Tony Kish RM 22

Fungicide Branch

Registration Division (7505P)

Registrant: AGROMARKETING CO, INC.

FORMULATION FROM LABEL:

<u>Active Ingredient(s):</u>	<u>by wt.</u>
014504 Mancozeb (a coordination product of zinc ion and manganese Ethylenebisdithiocarbamate)	12.0%
manganese++	(2.4%)
zinc	(0.3%)
ethylenebisdithiocarbamate ion	(9.3%)
129106 Cymoxanil	4.0%
023501 Copper oxychloride*	29.0%
<u>Other Ingredients:</u>	<u>25.0%</u>
*equivalent to 17.26% elemental copper	TOTAL 100.0%**

\*\*total of 12.0%+4.0%+29.0%+25% on proposed label adds up to 70.0%, not 100.0%.

Note: The percentages of active and other ingredients in the label statement have to add up to 100%.

**ACTION REQUESTED:** "Please review the MRIDs associated with this bean to determine the tox profile for the proposed product. This product is being resubmitted after a "do not grant" was issued on it several months ago due to data gaps. I have attached the previous tox review for your reference. I have also included the cover letter, draft label, proposed CSFs and data matrix."

**BACKGROUND:** The data matrix (dated 03/12/2015) cites four acute toxicity studies (MRIDs 492295-04 through -08) that were previously reviewed and classified as acceptable by TRB (memorandum dated July 1, 2014 for 87845-L), as well as two new studies (MRIDs 49580202 and 49580201, an acute inhalation toxicity and a dermal sensitization [LLNA] study, respectively).

**COMMENTS AND RECOMMENDATIONS:**

1. CITAB has reviewed the acute inhalation (MRID 49580202) and dermal sensitization (49580201) studies. Both studies have been classified as acceptable.
2. The four previously reviewed studies can be used to satisfy the remaining acute toxicity study requirements. All acute toxicity data requirements for the registration of 87845-A have been satisfied.

3. From the results of the acute toxicity studies, the following is the acute toxicity profile of EPA File Symbol 87845-A:

Oral LD <sub>50</sub>	Toxicity Category III	MRID 49229504*	Acceptable
Dermal LD <sub>50</sub>	Toxicity Category III	MRID 49229505*	Acceptable
Inhalation LC <sub>50</sub>	Toxicity Category III	MRID 49580202	Acceptable
Eye Irritation	Toxicity Category IV	MRID 49229508*	Acceptable
Dermal Irritation	Toxicity Category IV	MRID 49229507*	Acceptable
Sensitization (LLNA)	Sensitizer	MRID 49580201	Acceptable

\*Classified as acceptable in a TRB memorandum (for EPA File Symbol 87845-L) dated July 1, 2014.

4. Based on the acute toxicity profile given above, the following is the precautionary and first aid labeling for 87845-A as obtained from the Precautionary Labeling System. The signal word is CAUTION, rather than WARNING as proposed by the registrant:

**PRODUCT ID #:** 087845-00006

**PRODUCT NAME:** MCC 3-WAY FUNGICIDE

#### **PRECAUTIONARY STATEMENTS**

**SIGNAL WORD:** CAUTION

#### **Hazards to Humans and Domestic Animals:**

Harmful if absorbed through skin. Harmful if inhaled. Harmful if swallowed. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Wear long-sleeved shirt and long pants, socks, shoes, and chemical-resistant gloves (such as Natural Rubber, Selection Category A). Remove and wash contaminated clothing before reuse.

Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

#### **First Aid:**

If on skin:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment advice.

If inhaled:

- Move the person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.
- Call a poison control center or doctor for further treatment advice.

If swallowed:

- Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to by a poison control center or doctor.
- Do not give anything to an unconscious person.

If in eyes:

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.
- Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-800-xxx-xxxx for emergency medical treatment information.

**Reviewer:** Byron T. Backus, Ph.D.

**Date:** October 16, 2015

**Risk Manager (EPA):** 22

The following is the Acute Toxicity Data Evaluation Record (DER) for the two acute toxicity studies (MRIDs 49580201 and 49580202) submitted to support the registration of EPA File Symbol 87845-A.

<b>1. DP BARCODE:</b> 427719				
<b>2. PC CODES:</b> 014504 (Mancozeb: 12.0%); 129106 (Cymoxanil: 4.0%) 023501 (Copper oxychloride: 29.0%)				
<b>3. CURRENT DATE:</b> October 16, 2015				
<b>4. TEST MATERIAL:</b> Cymoxanil 4% + Mancozeb 12% + Copper Oxychloride 29% WP, Batch #: 29/092014. Described as a pale green powder, pH 6-7.5 @ 1%.				
<b>Study/Species/Lab Study # /Date</b>	<b>MRID</b>	<b>Results</b>	<b>Tox Cat</b>	<b>Core Grade</b>
Acute inhalation toxicity / rat / Product Safety Labs, Dayton NJ / Lab Study No. 39692 / January 23, 2015 / OCSPP 870.1300; OECD 403	49580202	Groups of 5M & 5F young adult (8-11 weeks old) Sprague-Dawley derived albino rats were nose-only exposed for 4 hrs to 0.52 mg/L (Nominal 1.07 mg/L; MMAD = 2.75 µm; GSD = 2.24) and to 2.09 mg/L (Nominal 5.42 mg/L; MMAD = 2.77 µm; GSD = 2.21). At 0.52 mg/L all survived. After exposure all had irregular respiration and 2M & 1F were hypoactive; all signs were gone by day 2. All gained weight days 0-7 and 7-14. No gross abnormalities at necropsy. At 2.09 mg/L 3/5M & 2/5F died. Deaths occurred on days 1 & 2. All had hypoactivity and irregular respiration, and some had ano-genital staining. Survivors had recovered by day 4. 2/2M and 2/3F survivors had weight losses days 0-7; but all survivors had weight gains days 7-14. Necropsy results: Decedents: moderately to extremely red lungs, slightly to moderately distended stomach and/or intestines. Survivors: no gross abnormalities at necropsy. LC <sub>50</sub> (M) between 0.52 and 2.09 mg/L; LC <sub>50</sub> (F) > 2.09 mg/L.	III	A

Dermal sensitization / LLNA in mice / Product Safety Labs, Dayton NJ / Lab Study No. 39693 / January 26, 2015 / OCSPP 870.2600; OECD 429	49580201	3 groups, each with 5 mice. One group was exposed to vehicle (propylene glycol) one to positive control (25% $\alpha$ -HCA in vehicle), and one to 50% of test substance (in vehicle). Exposures (0.25 $\mu$ L topical application to each ear) were on 3 consecutive days, with an injection of $^3$ H-methyl thymidine 3 days after last application, and sacrifice 5 hrs later. Auricular lymph nodes were harvested. Results (SI values): Positive control: 5.28; 50% test substance: 3.67. Since SI > 3.0 for test substance, it is a sensitizer.	Positive Sensitizer	A
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n.d. = not determined; Core Grade Key: A = Acceptable, S = Supplementary, W = Waived, U = Unacceptable, D = Data Gap

doc  
D. O'Shaughnessy Consulting, Inc.

March 12, 2015

Dr. Tony Kish (PM 22)  
US EPA, RD (7504P)  
Rm. S-4900, One Potomac Yard  
2777 South Crystal Drive  
Arlington, VA 22202-4501

Dear Dr. Kish,  
RE: Application to register "MCC 3-Way Fungicide" on behalf of Agromarketing Company,  
(87845)

D. O'Shaughnessy Consulting, Inc. is listed by EPA as Agent for Agromarketing Company and is authorized to make this application.

Enclosed is a DVD with an e-submission of an application to register the subject product. This product is a pre-mixture of co-fungicides (cymoxanil + mancozeb + copper oxychloride) already listed for use together as tank mixtures. The draft label has been worded to include only uses, rates and timing already allowed on copper oxychloride (Drexel Cop-Oxy 85), cymoxanil (Curzate 352-592, Tanos 352-604) and mancozeb (Fortuna 75 WDG 89333-1, [REDACTED]). Accordingly, we believe that there will remain no issues regarding food crop tolerances with the subject label.

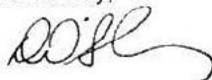
Agromarketing Company has provided the appropriate chemistry and acute toxicity data, and no end-use product specific data are cited from prior data submitters. The sources of all actives are to be purchased as registered sources, and so formulator's exemption will apply to generic data.

The subject product was formerly submitted (as 84875-L, Decision No. D-486541) in Dec. 2013, and subsequently withdrawn in order to develop additional acute toxicity data. Specifically, EPA did not accept the waiver requests for inhalation acute toxicity and sensitization. The original reviews of the other 4 acute studies, and of the chemistry, are attached herewith. We note that although the chemistry review notes *initial* corrections, these are acknowledged to have been made. Accordingly, Agromarketing Company suggests that EPA might conserve resource and limit their present review to the new data and labeling.

We also note that Agromarketing Company intends to claim a small business exemption, which it has not claimed in the past. Regardless of past hopes of grandeur, reality has prevailed.

If you have any questions on this submission, please do not hesitate to contact me at the (Kentucky) co-ordinates on this letterhead.

Sincerely,



Don O'Shaughnessy, Ph.D., DABT

427 Hide Away Circle, Cub Run, KY 42729

207 Bank St., Ste. 464, Ottawa, ON CANADA K2P 2N2

Phone 270-524-5633

cell 270-537-5139

email doctox@mac.com

www.regtox.net

## TRANSMITTAL DOCUMENT

## 1. Name and Address of Submitter

D. O'Shaughnessy Consulting, Inc., 427 Hide Away Circle, Cub Run, KY 42729  
*for*  
Agromarketing Company, Inc. (87845)

2. Regulatory Action in Support of Which This Package is Submitted  
Application to register MCC 3-Way Fungicide3. Transmittal Date  
April 14, 2015

## 4. List of Submitted Materials (e-submission on DVD)

Volume 1 of 3: Administrative materials (Cover letter, this Document, Application form, data matrix, Certification with respect to citation of data, Formulator's Exemption, CSF, draft labeling). **pre-assigned MRID 49580200**

**NOTE: PRIA FEE PREVIOUSLY SUBMITTED (MARCH 15 2015)**

Volume 2 of 3: Local Lymph Node Assay **pre-assigned MRID 49580201**

Volume 3 of 3: Inhalation toxicity **pre-assigned MRID 49580202**

Transmitted by: Don O'Shaughnessy, Ph.D., DABT, DABFM



Contact Information: tel. 270.524.5633 cell 270.537.5139  
email doctox@mac.com



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460  
OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION  
OFFICE OF PESTICIDE PROGRAMS REGISTRATION DIVISION (7505P)

**DP BARCODE No.:** 427709; **FILE SYMBOL No.:** 87845-A (screen); **PRODUCT NAME:** MCC 3-Way Fungicide; **DECISION No.:** 503824; **PC Code(s):** 014504, 129106, 023501; **ACTION CODE:** R314; **FOOD Use:** Yes

**DATE OUT:** June 15, 2015

**SUBJECT:** End Use Product Chemistry Review  
Product Name: MCC 3-Way Fungicide

**FROM:** Shyam Mathur  
Product Chemistry Team Leader  
CITAB/RD (7505P)

**TO:** Lindsay Roe / Tony Kish, RM 22  
Fungicide Branch / RD (7505P)

**Company Name:** Agromarketing Company Incorporation  
**Formulation Type:** Fungicide

**CONCLUSION:**

**Deficiencies:** Yes

(if there are deficiencies they are indicated below each heading as Note 1, Note 2 Etc)

**Note to reviewer:** The proposed product was submitted previously under FSN: 87845-L, but was withdrawn in order to develop additional acute tox studies. All the product chemistry data was found to acceptable, except for the errors in the CSF's (see the PCR under DP419998). The product is now submitted under FSN: 87845-A along with the revised CSF's (dated 06-05-2015). See the registrant's letter dated March 12, 2015.

**Group A:** All required data submitted & accepted previously

**Group B:** All required data submitted & accepted previously

**CSF:** Basic CSF & alternate CSF's #1 to #8 (all dated 06-05-2015) has been submitted.

**Note 1:** The registrant has proposed non-standard upper certified limit for one of the inert ingredients used as [REDACTED] in the formulation. No explanation or justification has been provided. The registrant is recommended to correct the upper certified limit as standard limit or provide justification for non-standard upper certified limit. For the name of the inert ingredient, please refer to Confidential Appendix.

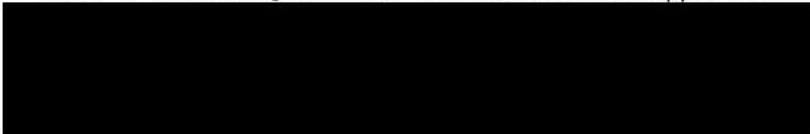
**Product label:** Yes

**Note to PM:** If the deficiencies are found in the screen results, please inform the registrant and bring back to the author of this report or to Joe the corrected deficiencies in response to 10 day letter, so that it can be attached to the original bean, if the data package is still in CITAB. New Bean is required in case the bean has been closed by CITAB. Thank you.

DP BARCODE No.: 427709; FILE SYMBOL No.: 87845-A (screen); PRODUCT NAME: MCC 3-Way  
Fungicide; DECISION No.: 503824; PC Code(s): 014504, 129106, 023501; ACTION CODE: R314; FOOD  
Use: Yes

CONFIDENTIAL APPENDIX

Name of the inert ingredient for which non-standard upper certified limits has been proposed:



1704 g/ml

- cymoxanil  
- mancozeb  
- copper

**DRAFT**  
**MCC 3-WAY FUNGICIDE**

**ACTIVE INGREDIENT:**

CAS # →

Mancozeb (a coordination product of zinc ion and manganese ethylenebisdithiocarbamate) .....	12.0 %
manganese++ .....	2.4%
zinc .....	0.3
ethylenebisdithiocarbamate ion .....	9.3%
Cymoxanil .....	4.0 %
Copper oxychloride* .....	29.0 %
OTHER INGREDIENTS .....	25%
TOTAL: .....	100.0 %

Hope - need this?

\*equivalent to 17.26% elemental copper

**KEEP OUT OF REACH OF CHILDREN**  
**WARNING/AVISO**

~~CAUTION~~ CAUTION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand this label, find someone to explain it to you in detail).

FIRST AID	
④ IF IN EYES:	<ul style="list-style-type: none"> <li>Hold eye open and rinse slowly and gently with water or 15 to 20 minutes.</li> <li>Remove contact lenses, if present, after the first minutes, then continue rinsing eye.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
③ IF SWALLOWED:	<ul style="list-style-type: none"> <li>Call poison control center or doctor immediately for treatment advice.</li> <li>Have person sip a glass of water if able to swallow.</li> <li>Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>Do not give anything by mouth to an unconscious person.</li> </ul>
① IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none"> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15 to 20 minutes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
② IF INHALED:	<ul style="list-style-type: none"> <li>Move person to fresh air.</li> <li>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.</li> <li>Call a poison control center or doctor for further treatment advice.</li> </ul>
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
<b>FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident call CHEMTREC at 1-800-424-9300.</b>	
This product contains mancozeb and ETU, chemicals known to the State of California to cause cancer. ETU is also known to the State of California to cause birth defects or other reproductive harm.	

EPA Reg. No. 87845 - x

EPA Est. No. 88475-BGR-1  
39578-TX-1

Net Contents \_\_\_\_\_

Batch No. \_\_\_\_\_

e-Submission

Manufactured for:  
Agromarketing Co. Inc.  
133 Mavety St.,  
Toronto, Ont. Canada M6P 2L8  
416-628-5174

Product of

## PRECAUTIONARY STATEMENTS

### Hazards to Humans and Domestic Animals

*Harmful if inhaled.*

**WARNING:** Harmful if absorbed through skin. Harmful if swallowed. Causes moderate eye irritation. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

*Avoid breathing dust.*

### Personal Protective Equipment (PPE)

Some materials that are chemical-resistant to this product are nitrile rubber, natural rubber, or butyl rubber. *If you want more options, follow the selection chart.*

Mixers, loaders, applicators and other handlers must wear:

- Safety glasses, goggles or face mask *← not necessary*
- long-sleeved shirt
- long pants
- shoes and socks
- chemical-resistant gloves made of any waterproof material.

See engineering controls for additional requirements.

### User Safety Requirements

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbed materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

### Engineering Controls

Enclosed Cockpits: Pilots must use an enclosed cockpit that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d) (4-6)]. *when handlers use enclosed cabs or aircraft... WPS. see 89333-1*

Mechanical Flagging Engineering Controls: Human flagging is prohibited. Flagging to support aerial application is limited to use of the Global Positioning System (GPS) or mechanical flaggers.

*I think this weakens the statement above so I'm not encouraging that it be added*

### User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside, then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

### ENVIRONMENTAL HAZARDS

*fish + aquatic invertebrates. This product has ... contains this product.*  
This pesticide is toxic to aquatic organisms. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment

*from RED*

washwaters or rinsate. For guidance, contact your State Water Board or Regional Office of the Environmental Protection Agency.

## DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Read all Directions for Use carefully before applying. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.

### Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours. *because of Cu RED*

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, oil or water, is:

- Coveralls *over long sleeved shirt + long pants*
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks

*chemical resistant footwear*

### PRODUCT INFORMATION

Read all Directions For Use carefully before applying.

Apply as a spray with ground, or air equipment using specified amounts of water to obtain through coverage to plants. Use only commercial or farm plantings. Not for use in residential plantings, or once any commercial crop is turned into U-pick, Pick Your Own or similar operation.

For ground application, apply a minimum of 20 gallons of water per acre, increasing the spray volume as the plants mature to ensure through coverage of plant foliage.

For air assisted ground application, apply a minimum of 10 gallons of water per acre. For aerial application, apply a minimum of 5 gallons of water per acre.

Some tall or dense foliage crops requiring greater penetration to the lower leaf surface will require higher spray volumes. Do not apply this product in fewer than 5 gallons spray volume per acre in California.

### PRODUCT MIXING INSTRUCTIONS

- 1) Fill the spray tank to 1/4 to 1/3 full of water.
- 2) While agitating, add the specified amounts of MCC 3-WAY FUNGICIDE to the spray tank.

*any need to supplement  
this with tank mixing  
directions?*

- 3) Continue agitating until MCC 3-WAY FUNGICIDE is fully dispersed, at least 5 minutes. ✓
- 4) Apply MCC 3-WAY FUNGICIDE spray mixture within 12 hours of mixing to avoid product degradation.

#### SPRAY DRIFT MANAGEMENT

A variety of factors including weather conditions (i.e. wind direction, wind speed, temperature, relative humidity) and method of application (i.e. ground, aerial, airblast, chemigation) can influence pesticide drift. The application must evaluate all factors and make appropriate adjustments when applying this product. ✓

*application*

#### WIND SPEEDS

Do not apply at wind speeds greater than 15 miles per hour (mph). ✓

#### TEMPERATURE INVERSIONS

If applying at wind speeds less than 3 mph, the applicator must determine if a) conditions of temperature inversion exist, or b) stable atmospheric conditions exist at or below nozzle height. Do not make applications into areas of temperature inversions or stable atmospheric conditions. ✓

#### OTHER STATE AND LOCAL REQUIREMENTS

Applications must follow all state and local pesticide drift requirements regarding application of mancozeb. Where states have more stringent regulations, they must be observed. ✓

*W  
2 sentences*

#### EQUIPMENT

All aerial and ground application equipment must be properly maintained and calibrated using appropriate carrier or surrogates. ✓

#### Additional requirements for aerial applicators:

1. The boom length must not exceed 75% of the wing span or 90 % of the rotor blade diameter. ✓
2. Release spray at the lowest height consistent with efficacy and flight safety. Do not release spray at a height greater than 10 feet above the crop canopy unless a greater height is required for aircraft safety. ✓
3. When applications are made with a crosswind, the swath must be displaced down wind. The applicator must compensate for this displacement at the up and downwind edge of the application area by adjusting the path of the aircraft upwind. ✓

#### Additional requirements for ground boom application:

1. Do not apply with a nozzle height greater than 4 feet above the crop canopy. ✓

#### Application

##### Ground

Thorough coverage with foliar sprays generally results in optimum disease control. To achieve satisfactory coverage use proper spray pressure, volume of spray mixture per acre, nozzles (generally hollow cone), disc (generally D-5 to D-7), nozzle spacing, and tractor speed. Consult spray nozzle and accessory catalogues for specific information on proper equipment calibration.

*need to adjust to match  
up with the copper RED*

## Hand Sprayers

Thoroughly spray plant foliage until runoff.

## Aerial

For aerial application of MCC 3-WAY FUNGICIDE to lettuce (head and leaf), occupational handlers performing mixing / loading operations must wear a particulate respirator with an N, R, P or HE filter NIOSH approval prefix TC-84A. ✓

A uniform initial spray deposit over the crop canopy generally results in optimum disease control. Each aircraft should be pre-checked for droplet size, uniformity of spray pattern, swath width, and spray volume. During aerial application, human flaggers are prohibited.

Nozzle selection: Hollow cone brass nozzles with a D-series orifice disc and core (whirlplate) are recommended. Nozzles should point straight down or slightly backward.

Swath width: For most field and vegetable crops, swaths just beyond the wingspan of 36 to 40 feet for light aircraft and up to 45 feet for heavier aircraft are suggested. Optimum swath for helicopters is usually 5 to 10 feet beyond normal boom length.

Altitude: For most crops, position the spray boom 5 to 10 feet above the crop canopy.

Flagging: Mark swaths at the end of the field with permanent flags. Measure swaths accurately with a chain or other device except when rows can be accurately counted.

## Crop Restrictions

Cucurbits, lettuce (head and leaf), potatoes, and tomatoes may be re-planted anytime after MCC 3-WAY FUNGICIDE applications. All other crops cannot be planted until 30 days after MCC 3-WAY FUNGICIDE application.

## Foliar Applications

**Where EBDC Products Used Allow the Same Maximum Poundage of Active Ingredient Per Acre Per Season:** If more than one product containing an EBDC active ingredient (maneb, mancozeb, or metiram) is used on a crop during the same growing season and the EBDC products used allow the same maximum amount in pounds of active ingredient per acre per season, then the total pounds active ingredient of all such EBDC products used must not exceed any one of the specified individual EBDC product maximum season pounds of active ingredient allowed per acre. ✓

## Where EBDC Products Used Allow Different Maximum Poundage of Active Ingredient Per Acre Per Season:

If more than one product containing an EBDC active ingredient is used on a crop during the same growing season and the EBDC products used allow different maximum poundage of active ingredient per acre per season, and the EBDC products used allow different maximum amount in pounds of active ingredient per acre per season, then the total poundage of all such EBDC products used must not exceed the lowest specified individual EBDC product maximum seasonal poundage of active ingredient allowed per acre. ✓

## CROP ROTATION RESTRICTIONS

move this  
to below  
the PPE  
section

Based on  
what?  
✓

Move to PRIOR PAGE under 'Crop Restrictions' ?  
 Potatoes, tomatoes, cucurbit crops, lettuce (head and leafy), peppers, spinach, and hops may be re-planted anytime after MCC 3-WAY applications. All other crops cannot be planted until 30 days after MCC 3-WAY application.

comes from the cymoxanil label

CROP AND RATE TABLE

Crop	Disease	Rate MCC 3-WAY	Specific Instructions / Restrictions	PHI
Lettuce, head and leaf	downy mildew Ring spot	3 lb - 4.6 lb ✓ MCC 3-Way ✓ per acre per application	Apply at 7 - 10 day intervals when conditions are favorable for disease development Maximum application per season is 46.8 lb product.	10 days for head or leaf lettuce 14 days for head or leaf lettuce in the State of California
Melons and Cucurbits  Cucumber Gherkin Muskmelon Cantaloupes Pumpkin Squash, Watermelon	Downy mildew Anthracnose Alternaria Leaf Blight Black rot Alternaria leaf spot anthracnose downy mildew gummy stem blight Microdochium blight scab	6 lb MCC 3-Way per acre per application  0.24 lb cymoxanil by my calc this is about double the amount on both labels	Apply at 7 - 10 day intervals when conditions are favorable for disease development  Maximum application per season is 12.5 lb product or 28.125 lb per 12 month period	5 days
Tomatoes for processing (not for use in California)	anthracnose early blight gray leaf spot late blight leaf mold Septoria leaf spot bacterial speck, damping off	3 lb MCC 3-Way ✓ per acre per application	Apply at 7 - 10, day intervals, 7 days if disease is present or conditions are favorable for disease development Maximum application is 28 lb product per 12 month period	5 days

exceeds max  
352.604 has seasonal max for MCC 3-WAY  
352.572 only yearly max

exceeds max  
prohibition sprayers →

exceeds max... max must be by yr per crop  
prohibition against U-boom sprayers (89333-1)

not included in the 89333-1 label

do you want to add the precaution that some cantaloupes are sensitive around on 89333-1 label?

do we need to include no more than 3 applications per year largely

no seasonal options within 600

✓

<b>Tomatoes</b> (Fresh market) not for use in California	anthracnose early blight gray leaf spot late blight leaf mold Septoria leaf spot bacterial speck, damping off	3 - 4.6 lb MCC 3-Way per acre per application	Apply at 7 - 10, day intervals, 7 days if disease is present or conditions are favorable for disease development Maximum application is 28 lb product per 12 month period	5 days
<b>Potato</b>	late blight early blight, brown spot	3.2 lb MCC 3- Way per acre per year  <i>exceeds 0.12 lb more 0.125 from other labels per application</i>	Apply at 7 - 10, day intervals, 7 days if disease is present or conditions are favorable for disease development. Do not apply more than 7 applications per year.	14 days ✓  <i>7 apps is at 0.12 rate application</i>
<b>Onions</b> (dry bulb) <b>garlic</b> <b>shallots</b>	Botrytis leaf blight downy mildew neck rot purple blotch (not CA) rust	3.125 - 3.5 lb MCC 3-Way per acre per year  <i>exceeds single application rate</i>	Apply at 7 - 10, day intervals, 7 days if disease is present or conditions are favorable for disease development Maximum application per season is 32.8 lb product	7 days ✓  <i>annual max required by CuRED Do not apply to exposed bulbs</i>
<b>Grapes</b> (east of the Rocky Mountains only)	black rot bunch rot Phomopsis downy mildew anthracnose	3.125 lb MCC 3-Way per acre per application	Apply on a 10, day schedule 6 - 8 d before disease is expected until fruit set Maximum application per crop season is 28 lb product	66 days ✓  <i>annual max required by CuRED</i>

In no case shall Agromarketing Co. be liable for consequential, incidental, or special damages or losses.

The terms of the Warranty Disclaimer above and this Limitation of Remedies cannot be varied by any written or verbal statements or agreements. No employee or sales agent of Agromarketing Co. or the Seller is authorized to vary or exceed the terms of the Warranty Disclaimer or this Limitation of Remedies in any manner.

#### **STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal.

**Pesticide Storage:** Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food or feed. Store in original containers and out of the reach of children, preferably in a locked storage area. Do not store near heat or open flame. Handle an open container in a manner as to prevent spillage.

**Spills:** If the container is leaking or material is spilled, carefully sweep up and wash exposed area with detergent and water. In spill or leak incidents, keep unauthorized people away.

**Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**Container Disposal:** Non-refillable container. Do not re-use or re-fill this container. Completely empty container.

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Offer for recycling if available. If recycling is not available, puncture and dispose of in a sanitary land fill or by incineration or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

#### **WARRANTY DISCLAIMER**

Agromarketing Co. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, AGROMARKETING CO. MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

#### **INHERENT RISKS OF USE**

It is impossible to eliminate all risks associated with use of this product. Unintended consequences may result because of factors such as use of the product contrary to label instructions, which are beyond the control of Agromarketing Co. or the Seller.

Agromarketing Co. and the Seller shall not be responsible for any risks caused by the incorporation of this product into an end use product by the Buyer or User. Buyer is solely responsible for any risks created by the end use or uses to which Buyer or a User put this product. All of the foregoing risks shall be assumed by Buyer and User, and Buyer and User agree to hold Agromarketing Vomapny, Inc. and Seller harmless for any claims related to such factors.

#### **LIMITATION OF REMEDIES**

To the extent consistent with applicable law, the exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories), shall be limited to one of the following, at Agromarketing Co. election:

- (1) Refund of purchase price paid by buyer or user for product bought, or
- (2) Replacement of amount of product used.



United States  
Environmental Protection Agency  
Washington, DC 20460  
**Formulator's Exemption Statement**  
(40 CFR 152.85)

## Applicant's Name and Address

Agromarketing Company, Inc.  
133 Mavety St.,  
Toronto, ON, CANADA M6P 2L8

## EPA File Symbol/Registration Number

87845-X

## Product Name

MCC 3 Way Fungicide

## Date of Confidential Statement of Formula (EPA Form 8570-4)

7-15-2013

As an authorized representative of the applicant for registration of the product identified above, I certify that:

## (1) This product contains the following active ingredient(s):

cymoxanil, mancozeb copper hydroxide

(2) Of these, each active ingredient listed in paragraph (4) is present solely as the result of the use of that active ingredient in the manufacturing, formulation or repackaging another product which contains that active ingredient which is registered under FIFRA Section 3, is purchased by us from another producer, and is labeled for at least each use for which my product is proposed to be labeled.

(3) Indicate by checking (A) or (B) below which paragraph applies:

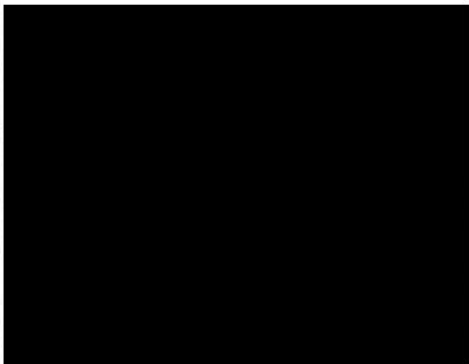
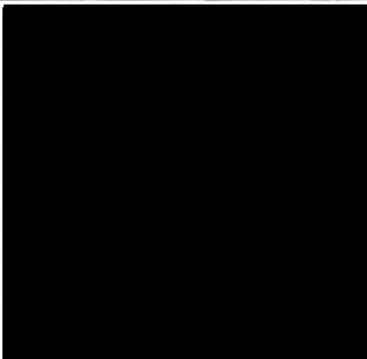
☒ (A) An accurate Confidential Statement of Formula (EPA FORM 8570-4) for the above identified product is attached to this statement. That formula statement indicates, by company name, registration number, and product name, the source of the active ingredient(s) listed in paragraph (1).

OR

☐ (B) The Confidential Statement of Formula (CSF) (EPA Form 8570-4) referenced above and on file with the EPA is complete, current, and accurate and contains the information required on the current CSF.

(4) The following active ingredients in this product qualify for the formulator's exemption.

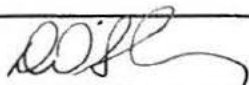
**Source**

Active Ingredient	Product Name	Registration Number
cymoxanil		
copper oxychloride		
mancozeb		

\*Product ingredient source information may be entitled to confidential

e-Submission

Signature



Name and Title

Don O'Shaughnessy, Agent

Date

March 15, 2015



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**  
**401 M Street, S.W.**  
**WASHINGTON, D.C. 20460**

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**Certification with Respect to Citation of Data**

Applicant's/Registrant's Name, Address, and Telephone Number Agromarketing Company, Inc. 133 Mavety St. Toronto ON, Canada M6P 2L8	EPA Registration Number/File Symbol 87845-x
Active Ingredient(s) and/or representative test compound(s) cymoxanil, copper oxychloride, mancozeb	Date 03/02/15
General Use Pattern(s) (list all those claimed for this product using 40 CFR Part 158) outdoor food	Product Name MCC 3-Way Fungicide

**NOTE:** If your product is a 100% repackaging of another purchased EPA-registered product labeled for all the same uses on your label, you do not need to submit this form. You must submit the Formulator's Exemption Statement (EPA Form 8570-27).

☐ I am responding to a Data-Call-In Notice, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose).

**SECTION I: METHOD OF DATA SUPPORT** (Check one method only)

☐ I am using the cite-all method of support, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose).

☒ I am using the selective method of support (or cite-all option under the selective method), and have included with this form a completed list of data requirements (the Data Matrix form must be used).

**SECTION II: GENERAL OFFER TO PAY**

[Required if using the cite-all method or when using the cite-all option under the selective method to satisfy one or more data requirements]

☐ I hereby offer and agree to pay compensation, to other persons, with regard to the approval of this application, to the extent required by FIFRA.

**SECTION III: CERTIFICATION**

I certify that this application for registration, this form for reregistration, or this Data-Call-In response is supported by all data submitted or cited in the application for registration, the form for reregistration, or the Data-Call-In response. In addition, if the cite-all option or cite-all option under the selective method is indicated in Section I, this application is supported by all data in the Agency's files that (1) concern the properties or effects of this product or an identical or substantially similar product, or one or more of the ingredients in this product; and (2) is a type of data that would be required to be submitted under the data requirements in effect on the date of approval of this application if the application sought the initial registration of a product of identical or similar composition and uses.

I certify that for each exclusive use study cited in support of this registration or reregistration, that I am the original data submitter or that I have obtained the written permission of the original data submitter to cite that study.

I certify that for each study cited in support of this registration or reregistration that is not an exclusive use study, either: (a) I am the original data submitter; (b) I have obtained the permission of the original data submitter to use the study in support of this application; (c) all periods of eligibility for compensation have expired for the study; (d) the study is in the public literature; or (e) I have notified in writing the company that submitted the study and have offered (i) to pay compensation to the extent required by sections 3(c)(1)(F) and/or 3(c)(2)(B) of FIFRA; and (ii) to commence negotiations to determine the amount and terms of compensation, if any, to be paid for the use of the study.

I certify that in all instances where an offer of compensation is required, copies of all offers to pay compensation and evidence of their delivery in accordance with sections 3(c)(1)(F) and/or 3(c)(2)(B) of FIFRA are available and will be submitted to the Agency upon request. Should I fail to produce such evidence to the Agency upon request, I understand that the Agency may initiate action to deny, cancel or suspend the registration of my product in conformity with FIFRA.

I certify that the statements I have made on this form and all attachments to it are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

Signature

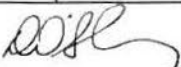
 Date  
 03/12/2015

 Typed or Printed Name and Title  
 Don O'Shaughnessy, Agent

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**  
**401 M Street, S.W.**  
**WASHINGTON, D.C. 20460**

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**DATA MATRIX**

Date 03/12/2015			EPA Reg. No./File Symbol 87845-X		Page 2 of 3
Applicant's / Registrant's Name & Address Agromarketing Company, Inc., 133 Mavety St. Toronto, ON, Canada M6P 2L8			Product MCC 3-Way Fungicide		
Ingredients cymoxanil, mancozeb, copper oxychloride					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.1100	Acute oral toxicity	49229504	Agromarketing Company	OWN	
870.1200	Acute dermal toxicity	49229505	Agromarketing Company	OWN	
870.1300	Acute inhalation toxicity	49580202	Agromarketing Company	OWN	
870.2500	Primary dermal irritation	49229507	Agromarketing Company	OWN	
870.2400	Primary eye irritation	49229508	Agromarketing Company	OWN	
870.2600	Sensitization	49580201	Agromarketing Company	OWN	
830.1800	Enforcement analytical method - mancozeb	48993801	Agria Canada Inc.	PAY	1
830.1800	Enforcement analytical method - cymoxanil	49190903	Agria Canada, Inc.	PAY	1
Signature 			Name and Title Don O'Shaughnessy, Agent		Date 03/12/2015

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**  
**401 M Street, S.W.**  
**WASHINGTON, D.C. 20460**

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**DATA MATRIX**

Date 03/12/2015			EPA Reg. No./File Symbol 87845-X		Page 1 of 3
Applicant's / Registrant's Name & Address Agromarketing Company, Inc., 133 Mavety St. Toronto, ON, Canada M6P 2L8			Product MCC 3-Way Fungicide		
Ingredients cymoxanil, mancozeb, copper oxychloride					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.1550	Product Identity and Composition	(CSF)	Agromarketing Company	OWN	
830.1600	Description of Materials Used to Produce the Product	49229501	Agromarketing Company	OWN	
830.1620	Description of Manufacturing Process	49229501	Agromarketing Company	OWN	
830.1670	Discussion of Formation of Impurities	49229501	Agromarketing Company	OWN	
830.1750	Certified Limits	(CSF)	Agromarketing Company	OWN	
830.1800	Enforcement analytical method - copper	49229503	Agromarketing Company	OWN	
830.6303	Physical State	49229502	Agromarketing Company	OWN	
830.6304	Odor	49229502	Agromarketing Company	OWN	
830.7300	Density	49229502	Agromarketing Company	OWN	
830.6302	Color	49229502	Agromarketing Company	OWN	
830.7000	pH	49229502	Agromarketing Company	OWN	
830.6315	Flammability	49229502	Agromarketing Company	OWN	
830.6316	Explosivity	49229502	Agromarketing Company	OWN	
830.6314	Oxidation / reduction potential	49229502	Agromarketing Company	OWN	
Signature 			Name and Title Don O'Shaughnessy, Agent		Date 03/12/2015

e-Submission

DATA MATRIX		
Date 03/12/2015	EPA Reg. No./File Symbol 87845-X	Page 3 of 3
Applicant's / Registrant's Name & Address Agromarketing Company, Inc., 133 Maveiy St. Toronto, ON, Canada M6P 2L8	Product MCC 3-Way Fungicide	
Ingredients cymoxanil, mancozeb, copper oxychloride		

Footnote 1: Offer to pay letter has been sent to (same) Agent for Agria Canada, Inc. and Zenith Crop Sciences A.S., i.e. D. O'Shaughnessy Consulting Inc., 427 Hide Away Circle, Cub Run, KY 42729

Signature 	Name and Title Don O'Shaughnessy, Agent	Date 03/12/2015
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## DATA MATRIX

Page 1 of 3

MCC 3-Way Fungicide

Note
------

OWN

03/12/2015

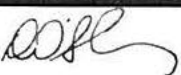
## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street, S.W.

WASHINGTON, D.C. 20460

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## DATA MATRIX

Date 03/12/2015		EPA Reg. No./File Symbol 87845-X		Page 2 of 3	
Applicant's / Registrant's Name & Address		Product			
Agromarketing Company, Inc., 133 Mavely St. Toronto, ON, Canada M6P 2L8		MCC 3-Way Fungicide			
Ingredients cymoxanil, mancozeb, copper oxychloride					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Agromarketing Company	OWN	
			Agromarketing Company	OWN	
			Agromarketing Company	OWN	
			Agromarketing Company	OWN	
			Agromarketing Company	OWN	
			Agromarketing Company	OWN	
			Agromarketing Company	OWN	
			Agria Canada Inc.	PAY	1
			Agria Canada, Inc.	PAY	1
Signature 		Name and Title		Date	
		Don O'Shaughnessy, Agent		03/12/2015	

DATA MATRIX		
Date 03/12/2015	EPA Reg. No./File Symbol 87845-X	Page 3 of 3
Applicant's / Registrant's Name & Address Agromarketing Company, Inc., 133 Mavety St. Toronto, ON, Canada M6P 2L8	Product MCC 3-Way Fungicide	
Ingredients cymoxanil, mancozeb, copper oxychloride		

Footnote 1: Offer to pay letter has been sent to (same) Agent for Agria Canada, Inc. and Zenith Crop Sciences A.S., i.e. D. O'Shaughnessy Consulting Inc., 427 Hide Away Circle, Cub Run, KY 42729

Signature 	Name and Title	Date
	Don O'Shaughnessy, Agent	03/12/2015

**From:** Don O'Shaughnessy <doctox@mac.com>  
**Sent:** Friday, December 18, 2015 12:09 PM  
**To:** Roe, Lindsay  
**Subject:** Re: MCC 3-Way  
**Attachments:** MCC3WAYDRAFTLABrevisedDec18-15.pdf, ATT00001.htm

Many thanks for your hard work.

Attached is a revised version. I made most of the changes, but disagree with a few:

- muskmelon is on 89333-1

Max rate of Cu on cucurbits is 1.05 lb copper which translates 6.08 lb MCC3way, but your right about the cymoxanil, so this is fixed anyway.

Max rate of cymoxanil on onions (see Tanos, Reg. No. 352-604) is 10 ounces Tanos = 0.156 lb cymox = 3.9 lb of MCC3way (at 4% cymoxanil)

Roe, Lindsay

---

**From:** Kitchens, Bruce  
**Sent:** Thursday, October 01, 2015 8:25 AM  
**To:** Don O'Shaughnessy  
**Cc:** Roe, Lindsay  
**Subject:** RE: MCC 3-Way

Good Morning Mr. O'Shaughnessy,

I received your message and my due date is still a few days away. If I receive the revisions by Monday we still make the due date. Thank you very much and look forward to hearing from you.

Bruce F. Kitchens, Chemist  
EPA/OCSPP/OPP/RD/CITAB-PC  
[kitchens.bruce@epa.gov](mailto:kitchens.bruce@epa.gov)  
ph. 703-308-9372

**From:** Don O'Shaughnessy [mailto:doctox@mac.com]  
**Sent:** Wednesday, September 30, 2015 6:10 PM  
**To:** Kitchens, Bruce  
**Subject:** Re: MCC 3-Way

Oy veh. I will have a go, but tomorrow or Fri is going to be tough. Might have to be on Sat. or Sun.  
Don O'Shaughnessy, Ph.D., DABT, DABFM  
President, DOC Inc.  
427 Hide Away Circle  
Cub Run KY 42729  
270-524-5633 cell 270-537-5139  
[doctox@mac.com](mailto:doctox@mac.com)  
[www.regtox.net](http://www.regtox.net)

On Sep 30, 2015, at 3:15 PM, Kitchens, Bruce <[Kitchens.Bruce@epa.gov](mailto:Kitchens.Bruce@epa.gov)> wrote:

Good Afternoon Mr. O'Shaughnessy,

My name is Bruce Kitchens and I am the product chemist reviewing the product chemistry submission for MCC 3-Way. I am a member of the Product Chemistry Team in CITAB (Chemistry, Inerts and Toxicology Assessment Branch). I am contacting you regarding the revised alternate CSFs 6, 7, and 8 all dated 05 June 2015. The value for the total weight in box 17 is listed as [REDACTED] but when added up the total weight is [REDACTED]. This value can remain the same, if desired, with the appropriate adjustments to the weight of the other ingredients in the formula. Please revise the date on your CSFs. This review can be completed tomorrow if the CSFs are revised. If you have questions or concerns, do not hesitate to contact me. Thank you for your assistance in completing this review.

Bruce F. Kitchens, Chemist  
EPA/OCSPP/OPP/RD/CITAB-PC

\*Manufacturing process information may be entitled to confidential treatment\*

[kitchens.bruce@epa.gov](mailto:kitchens.bruce@epa.gov)

703-308-9372



United States  
Environmental Protection Agency  
Washington, DC 20460

☒

Registration  
Amendment  
Other

OPP Identifier Number

## Application for Pesticide - Section I

1. Company/Product Number 87845 - x	2. EPA Product Manager T. Kish	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Agromarketing Company, Inc. / MCC 3-Way Fungicide	PM# 21	
5. Name and Address of Applicant (Include ZIP Code) Agromarketing Company, Inc., 133 Mavety St. Toronto, ON CANADA M6P 2L8  <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

## Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification - Explain below.	<input checked="" type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Application to register a novel mixture of 3 co-fungicides from registered sources of active ingredient

## Section - III

1. Material This Product Will Be Packaged In:			
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input checked="" type="checkbox"/> Other (Specify) Foil-lined paper bag
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container	
		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input type="checkbox"/> Other _____	

## Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Don O'Shaughnessy	Title Agent	Telephone No. (Include Area Code) 270-524-5633	
<b>Certification</b> I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.			6. Date Application Received (Stamped)
2. Signature 	3. Title Agent		
4. Typed Name Don O'Shaughnessy	5. Date March 12, 2015		

e-Submission

**21-Day Screen Completed by**  
**Contractor**

**21-Day Expires on** 5-7-15

**Jacket #** 87845-A  
**MRID#** 495802

**Content Screen:** Recommend to Pass/Fail

**11-3 Review:** Pass/Fail/NA

**Overall Status:** Recommend to Pass/Fail

**Transfer This Jacket to:**

SHAUNTA HILL

# PRIA 3 – 21 Day Content Screen Review Worksheet

(EPA/OPP Use Only)

21 Day Screen Start Date: 4-16-15 September 2012

Experts In-Processing Signature: B. B. Date 4-30-15 Fee Paid: Yes     

Division management contacted on issues No      Yes      Date     

EPA Reg. Number: <u>87845-A</u>		EPA Receipt Date: <u>4-16-15</u>				
Items for Review				Yes	No	N/A*
1	Application Form (EPA Form 8570-1) signed & complete including package type			X		
2	Confidential Statement of Formula all boxes completed, form signed, and dated (EPA Form 8570-4)			X		
	a) All <u>inerts</u> , including fragrances, approved for the proposed uses (see Footnote A)	yes	no			
		X				
3	Certification with Respect to Citation of Data (EPA Form 8570-34) completed and signed (N/A if 100% repack)			X		
	Certificate and data matrix consistent			X		
	If applicant is relying on data that are compensable, is the offer to pay statement included. (see Footnote B)	yes	no			
	If applicable, is there a letter of Authorization for exclusive use only.					
4	Formulator's Exemption Statement (EPA Form 8570-27) completed and signed (N/A if source is unregistered or applicant owns the technical)			X		
	Data Matrix (EPA Form 8570-35) both internal and external copies (PR 98-5) completed and signed (N/A if 100% repack)			X		
5	a) Selective Method (Fee category experts use)	yes	no			
	b) Cite-All (Fee category experts use)	X				
	c) Applicant owns all data (Fee category experts use)					
6	5 Copies of <u>Label</u> ( <u>Electronic labels on CD</u> are encouraged and guidance is available)			X		
7	Is the data package consistent with <u>PR Notice 86-5</u>			X		
8	<u>Notice of Filing</u> included with petitions					X

9	If applicable for conventional applications, <u>reduced risk rationale</u>			X
10	<u>Required Data</u> and/or data waivers. See Footnote C.			
	a) List study (or studies) not included with application			

**Comments:**

Ticket Received: 5-5-15

\* Documentation: (Pass / Fail)

- required forms are complete

\* Inserts: (Pass / Fail)

- Inserts approved for Re-Harvest application

\* PRD 11-3: (Pass / Fail)

MRZD: 495802

\* Overall Status: (Pass / Fail)

OK 5-13-15



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

April 29, 2015

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

OPP Decision Number: D-503824  
EPA File Symbol or Registration Number: 87845-A  
Product Name: MCC 3-Way Fungicide  
EPA Receipt Date: 16-Apr-2015  
EPA Company Number: 87845  
Company Name: AGROMARKETING CO, INC

DON O'SHAUGHNESSY, PH.D.  
D O'SHAUGHNESSY CONSULTING, INC  
AGROMARKETING CO, INC  
427 HIDE AWAY CIRCLE  
CUB RUN, KY 42729-

SUBJECT: Receipt of Application and 75% Small Business Waiver Request

Dear Registrant:

The Office of Pesticide Programs has received your application, 75% small business waiver request, and certification of payment. If you submitted data with this application, the results of the PRN-2011-3 screen will be communicated separately. During the administrative screen, the Office of Pesticide Programs has determined that this Action is subject to a Pesticide Registration Service Fee as defined in the Pesticide Registration Improvement Act.

The Action has been identified as Action Code: R314  
NEW END USE PRODUCT CONTAINING TWO OR MORE REGISTERED ACTIVE INGREDIENTS NEVER BEFORE REGISTERED AS THIS COMBINATION IN A FORMULATED PRODUCT;NEW PRODUCT LABEL IS IDENTICAL OR SUBSTANTIALLY SIMILAR TO THE LABELS OF CURRENTLY REGISTERED PRODUCTS WHICH SEPARATELY CONTAIN THE RESPECTIVE COMPONENT ACTIVE INGREDIENTS;REQUIRES REVIEW OF DATA PACKAGE WITHIN RD ONLY;INCLUDES DATA AND/OR WAIVERS OF DATA FOR ONLY;;PRODUCT CHEMISTRY;ACUTE TOXICITY;PUBLIC HEALTH PEST EFFICACY);CHILD RESISTANT PACKAGING;

Your request for waiver has been forwarded for review. You will be notified in writing when a determination is made regarding your request. If your waiver request is approved, the decision review time period will start on the date of approval. If your waiver request is denied, you will receive an invoice for the outstanding balance.

If you have any questions, please contact the Pesticide Registration Service Fee Ombudsman at (703) 347-8961.

Sincerely,

A handwritten signature in cursive script that reads "Teresa Downs".

Front End Processing Staff  
Information Technology & Resources Management Division



## Fee for Service

~~967187T~~~

This package includes the following

- ☒ New Registration
- ☐ Amendment

☒ Studies? ☒ Fee Waiver?

☐ volpay % Reduction: 75

for Division

- ☐ AD
- ☐ BPPD
- ☒ RD

Risk Mgr. 21

Receipt No.

S-

~~967187~~

966997

EPA File Symbol/Reg. No.

87845-A

Pin-Punch Date:

4/16/2015

~~FFS~~ This item is NOT subject to FFS action.

### Action Code:

Requested:

-

Granted:

R314

Amount Due: \$ 6,310

### Parent/Child Decisions:

☐ Inert Cleared for Intended Use

☐ Uncleared Inert in Product

Reviewer: A. WATSON

Date: 4/29/15

Remarks: New Product - S-Hill 4/29/15

~~RESUBMISSION FOR PENDING~~  
~~NEW PRODUCT~~ e-Submission

